



BARIUM CARBONATE

PRODUCT CODE R01071

SYNONYMS

C.I. NO.

CASR NO. 513-77-9

ATOMIC OR MOLECULAR FORMULA BaCO₃

ATOMIC OR MOLECULAR WEIGHT 197.34

PROPERTIES Insoluble in water, soluble in acids (except Sulfuric).

PARAMETER **LIMIT**

Description A white to off white powder.

Solubility 10% soln. in dilute HCl and water is almost clear.

Assay (Acidimetric) 99.0-101.0%

MAXIMUM LIMIT OF IMPURITIES

Chloride (Cl) 0.01%

Sulphide (S) 0.05%

Iron (Fe) 0.005%

Lead (pb) 0.002%

Note(s) : Assay (if applicable) method mentioned.

WARNING

Hazard statements : May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation.

Precautionary statements

Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists: Get medical advice/attention.

Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums for collection by specialist disposal company.

Hazard Pictogram(s) :



IMDG Code : --
UN No. : --
IATA :--

Replace Date 1 April 2023

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